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INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

30 JUN 2004

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Applicant's or agent's file reference	FOR FURTHER ACTION	See Notification	on of Transmittal of International xamination Report (Form PCT/IPEA/416)
3220-72178	International filing date (day/ma	onth/year)	Priority date (day/month/year)
International application No.		•	11 January 2002 (11.01.2002)
PCT/US03/00604	09 January 2003 (09.01.2003)		11 Junior,
International Patent Classification (IPC)	or national classification and IPC		
IPC(7): A01N 1/00; C12N 5/00, 5/02 a	nd US Cl.: 435/1.1, 325, 373, 38	30, 381, 395	
Applicant			
PURDUE RESEARCH FOUNDATION	v		
PURDUE RESEARCH FOUNDATION			dis International Preliminary
This international prelimi Promising Authority and	inary examination report has b I is transmitted to the applican	een prepared by t according to A	y this International Preliminary Article 36.
2 This REPORT consists of	of a total of 2 sheets, includi	ng this cover sh	eet.
This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made which have been amended and are the basis for this report and/or sheets containing rectifications made which have been amended and are the basis for this report and/or sheets containing rectifications made which have been at the property of th			
These annexes consist of a total of U sheets.			
3. This report contains indications relating to the following items:			
I Basis of the report			
II Priority II Non-establishment of report with regard to novelty, inventive step and industrial applicability			
- 4 C in finantian			
IV Lack of unity of invention V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial			
V Reasoned statement under Article 55(2) with regard to accompany applicability; citations and explanations supporting such statement			
VI Certain documents cited			
VII Certain defects in the international application			
VII Certain observations on the international application			
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60.4	ad .	Date of comple	tion of this report
Date of submission of the deman	.		
01 August 2003 (01.08.2003)		17 June 2004 (1	7.00.200.7
Name and mailing address of the IP	EA/US	Authorized offic	er a pl + l-
Mail Stop PCT, Attn: IPEA	US	ouin I in Chen	J. Robert for
Commissioner for Patents			
Alexandria, Virginia 22313-	1450	Telephone No.	(571) 272-1600
Facsimile No. (703) 872-9306	Inly 1998)		

INTERNATIONAL PRELIMINAR AMINATION REPORT

International applica	tion No.	
PCT/US03/00604		

I.	Basis of the report
1.	With regard to the elements of the international application:*
	the international application as originally filed.
	the description:
	pages 1-23 as originally filed pages NONE filed with the demand pages NONE exact with the stear of
	pages NONE filed with the demand pages NONE filed with the letter of
	the claims: pages 24 and 25 as originally filed pages 24 and 25 as originally filed (together with any statement) under Article 19
1	pages NONE 6 field with the demand pages NONE filed with the letter of
١	
1	the drawings: pages None as originally filed pages None filed with the demand.
١	pages None , filed with the demand , filed with the letter of
١	pages NONE, mea with the
1	the recovered listing part of the description:
1	
1	
	pages NONE filed with the letter of pages NONE filed with the letter of pages NONE filed with the letter of filed with th
1	With regard to the language, all the elements marked above were available in inhabitated under this item. language in which the international application was filed, unless otherwise indicated under this item. language in which the international application was filed, unless otherwise indicated under this item.
1	. With regard to the international application was filed, unless otherwise indicate unlet had been already and application was filed, unless otherwise indicate unlet had been already which is: These elements were available or furnished to this Authority in the following language which is: These elements were available or furnished to this Authority in the following language which is:
١	These elements were available or numismed to this relationship of international search (under Rule23.1(b)). the language of a translation furnished for the purposes of international search (under Rule23.1(b)).
١	
١	the language of the translation furnished for the purposes of international pro-
1	55.2 and/or 55.3).
١	 With regard to any nucleotide and/or amino acid sequence discussed in the sequence disting: international preliminary examination was carried out on the basis of the sequence listing:
١	international preliminary examination in printed form.
١	contained in the international application in printed form. filed together with the international application in computer readable form.
1	filed together with the international application in sort
	furnished subsequently to this Authority in written form.
	furnished subsequently to this Authority in computer readable form. furnished subsequently to this Authority in computer readable form. The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the
	The statement that the subsequently number with the statement that the subsequently number international application as filed has been furnished.
	international application as filed has been numerous. The statement that the information recorded in computer readable form is identical to the written sequence listing
	has been furnished.
	has been full instituted. The amendments have resulted in the cancellation of:
	the description, pages NONE
	the claims, Nos. NONE
	the drawings, sheets/fig NONE
	This report has been established as if (some of) the amendments had not been made, since they have the stablished as if (some of) the amendments had not been made, since they have the stablished as if (some of) the amendments had not been made, since they have the stablished as if (some of) the amendments had not been made, since they have the stablished as if (some of) the amendments had not been made, since they have the stablished as if (some of) the amendments had not been made, since they have the stablished as if (some of) the amendments had not been made, since they have the stablished as if (some of) the amendments had not been made, since they have the stablished as if (some of) the amendments had not been made, since they have the stablished as if (some of) the amendments had not been made, since they have the stablished as if (some of) the stabl
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	* Replacement sheets which have been juriusned to this report since they do not contain amendments (Rules 70.10 and 70.17).
	** Any replacement sheet containing such amendments must be referred to under item 1 and unicees to the state of the state
	this had as if (some of) the amendments had not been made, since they have been made,

INTERNATIONAL PRELIMINAR	AMINATION REPORT

International applica PCT/US03/00604	ation No.

V. Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicitations and explanations supporting such statement 1. STATEMENT Novelty (N) Claims 1-18 Inventive Step (IS) Claims 1-18 Claims NONE Industrial Applicability (IA) Claims 1-18 Claims NONE Louing NONE 2. CITATIONS AND EXPLANATIONS Claims 1-18 met the criteria set out in PCT Article 39(2)-(3), because the prior art does not teach or fairly suggest a membrane of warm-blooded vertebrate liver tissue by hydrolyzing the live respensive process, washing said liver tissue with a non-denaturing detergent, removing the non-denaturing detergent, the liver tissue with denaturing detergent, and the liver basement membrane graft produced by said method.	icability;
1. STATEMENT Novelty (N) Claims 1-18 Claims NONE Inventive Step (IS) Claims 1-18 Claims NONE Industrial Applicability (IA) Claims NONE Industrial Applicability (IA) Claims 1-18 Claims NONE Claims 1-18 Claims 1-18 Claims 1-18 Claims 1-18 Claims NONE	
Novelty (N) Claims 1-18 Claims NONE Inventive Step (IS) Claims 1-18 Claims NONE Industrial Applicability (IA) Claims 1-18 Claims NONE Claims NONE 2. CITATIONS AND EXPLANATIONS Claims 1-18 meet the criteria set out in PCT Article 33(2)-(3), because the prior art does not teach or fairly suggest an organing allowed vertebrate liver tissue by hydrolyzing the live organing a tissue graft comprising basement membrane of warm-blooded vertebrate liver tissue by hydrolyzing the liver of the prior art does not teach or fairly suggest an organing allowed vertebrate liver tissue by hydrolyzing the liver of the prior art does not teach or fairly suggest an organing to supplie the prior art does not teach or fairly suggest an organized teacher or the prior art does not teach or fairly suggest an organized teacher or the prior art does not teach or fairly suggest an organized teacher or the prior art does not teach or fairly suggest and the prior art does not teac	
Inventive Step (IS) Claims NONE Claims 1-18 Claims NONE Industrial Applicability (IA) Claims I-18 Claims NONE Claims NONE Claims I-18 Claim	YES
Claims NONE Industrial Applicability (IA) Claims 1-18 Claims NONE Claims 1-18	NO
Claims NONE Industrial Applicability (IA) Claims 1-18 Claims NONE Claims 1-18	
Industrial Applicability (IA) Claims 1-18 Claims NONE 2. CITATIONS AND EXPLANATIONS Takins 1-18 meet the criteria set out in PCT Article 33(2)-(3), because the prior art does not teach or fairly suggest an reparing a dissue graft comprising basement membrane of warm-blooded vertebrate liver tissue by hydrolyzing the live reparing a dissue graft comprising basement membrane of warm-blooded vertebrate liver tissue by hydrolyzing the live reparing a fissue graft comprising basement membrane of warm-blooded vertebrate liver dissue by hydrolyzing the liver	YES
Claims NONE 2. CITATIONS AND EXPLANATIONS 2. CITATIONS AND EXPLANATIONS was the prior art does not teach or fairly suggest an Claims 1-18 meet the criteria set out in PCT Article 33(2)-(3), because the prior art does not teach or fairly suggest an expearing a tissue graft comprising basement membrane of warm-blooded vertebrate liver tissue by hydrolyzing the hydrogenic memory in the non-denabring determent.	NO
Claims NONE 2. CITATIONS AND EXPLANATIONS 2. CITATIONS AND EXPLANATIONS was the prior art does not teach or fairly suggest an Claims 1-18 meet the criteria set out in PCT Article 33(2)-(3), because the prior art does not teach or fairly suggest an expearing a tissue graft comprising basement membrane of warm-blooded vertebrate liver tissue by hydrolyzing the hydrogenic memory in the non-denabring determent.	YES
2. CITATIONS AND EXPLANATIONS Claims 1-18 meet the criteria set out in PCT Article 33(2)-(3), because the prior art does not teach or fairly suggest an orporating allower graft comprising basement membrane of warm-blooded vertebrate liver tissue by hydrolyzing the live preparing a dissue graft comprising basement membrane of warm-blooded vertebrate liver tissue by hydrolyzing the live preparing a dissue graft comprising basement membrane of warm-blooded vertebrate liver dissues or densitying design.	NO
	and washing

Form PCT/IPEA/409 (Box V) (July 1998)